

comparing the actual CAFE value against either the required standard value or the minimum standard value, whichever is larger.

(c) Transferred or traded credits may not be used, pursuant to 49 U.S.C. 32903(g)(4) and (f)(2), to meet the domestically manufactured passenger automobile minimum standard specified in 49 U.S.C. 32902(b)(4).

(d) If a manufacturer's average fuel economy level for domestically manufactured passenger automobiles is lower than the attribute-based standard, but higher than the minimum standard, then the manufacturer may achieve compliance with the attribute-based standard by applying credits.

(e) If a manufacturer's average fuel economy level for domestically manufactured passenger automobiles is lower than the minimum standard, then the difference between the minimum standard and the manufacturer's actual fuel economy level may only be relieved by the use of credits earned by that manufacturer within the domestic passenger car compliance category which have not been transferred or traded. If the manufacturer does not have available earned credits to offset a credit shortage below the minimum standard then the manufacturer can submit a carry-back plan that indicates sufficient future credits will be earned in its domestic passenger car compliance category or will be subject to penalties.

§ 536.10 Treatment of dual-fuel and alternative fuel vehicles—consistency with 49 CFR part 538.

(a) Statutory alternative fuel and dual-fuel vehicle fuel economy calculations are treated as a change in the underlying fuel economy of the vehicle for purposes of this regulation, not as a credit that may be transferred or traded. Improvements in alternative fuel or dual fuel vehicle fuel economy as calculated pursuant to 49 U.S.C. 32905 and limited by 49 U.S.C. 32906 are therefore attributable only to the particular compliance category and model year to which the alternative or dual-fuel vehicle belongs.

(b) If a manufacturer's calculated fuel economy for a particular compliance category, including any required

calculations for alternative fuel and dual fuel vehicles, is higher or lower than the applicable fuel economy standard, manufacturers will earn credits or must apply credits or pay fines equal to the difference between the calculated fuel economy level in that compliance category and the applicable standard. Credits earned are the same as any other credits, and may be held, transferred, or traded by the manufacturer subject to the limitations of the statute and this regulation.

(c) If a manufacturer builds enough alternative fuel or dual fuel vehicles to improve the calculated fuel economy in a particular compliance category by more than the limits set forth in 49 U.S.C. 32906(a), the improvement in fuel economy for compliance purposes is restricted to the statutory limit. Manufacturers may not earn credits nor reduce the application of credits or fines for calculated improvements in fuel economy based on alternative or dual fuel vehicles beyond the statutory limit.

PART 537—AUTOMOTIVE FUEL ECONOMY REPORTS

Sec.

- 537.1 Scope.
- 537.2 Purpose.
- 537.3 Applicability.
- 537.4 Definitions.
- 537.5 General requirements for reports.
- 537.6 General content of reports.
- 537.7 Pre-model year and mid-model year reports.
- 537.8 Supplementary reports.
- 537.9 Determination of fuel economy values and average fuel economy.
- 537.10 Incorporation by reference.
- 537.11 Public inspection of information.
- 537.12 Confidential information.

AUTHORITY: 49 U.S.C. 32907, delegation of authority at 49 CFR 1.50.

SOURCE: 47 FR 34986, Aug. 12, 1982, unless otherwise noted.

§ 537.1 Scope.

This part establishes requirements for automobile manufacturers to submit reports to the National Highway Traffic Safety Administration regarding their efforts to improve automotive fuel economy.

§ 537.2

§ 537.2 Purpose.

The purpose of this part is to obtain information to aid the National Highway Traffic Safety Administration in valuating automobile manufacturers' plans for complying with average fuel economy standards and in preparing an annual review of the average fuel economy standards.

§ 537.3 Applicability.

This part applies to automobile manufacturers, except for manufacturers subject to an alternate fuel economy standard under section 502(c) of the Act.

§ 537.4 Definitions.

(a) *Statutory terms.* (1) The terms *average fuel economy standard*, *fuel*, *manufacture*, and *model year* are used as defined in section 501 of the Act.

(2) The term *manufacturer* is used as defined in section 501 of the Act and in accordance with part 529 of this chapter.

(3) The terms *average fuel economy*, *fuel economy*, and *model type* are used as defined in subpart A of 40 CFR part 600.

(4) The terms *automobile*, *automobile capable of off-highway operation*, and *passenger automobile* are used as defined in section 501 of the Act and in accordance with the determinations in part 523 of this chapter.

(b) *Other terms.* (1) The term *loaded vehicle weight* is used as defined in subpart A of 40 CFR part 86.

(2) The terms *axle ratio*, *base level*, *body style*, *car line*, *combined fuel economy*, *engine code*, *equivalent test weight*, *gross vehicle weight*, *inertia weight*, *transmission class*, and *vehicle configuration* are used as defined in subpart A of 40 CFR part 600.

(3) The term *light truck* is used as defined in part 523 of this chapter and in accordance with determinations in that part.

(4) The terms *approach angle*, *axle clearance*, *brakeover angle*, *cargo carrying volume*, *departure angle*, *passenger carrying volume*, *running clearance*, and *temporary living quarters* are used as defined in part 523 of this chapter.

(5) The term *incomplete automobile manufacturer* is used as defined in part 529 of this chapter.

49 CFR Ch. V (10–1–10 Edition)

(6) As used in this part, unless otherwise required by the context:

(i) *Act* means the Motor Vehicle Information and Cost Savings Act (Pub. L. 92-513), as amended by the Energy Policy and Conservation Act (Pub. L. 94-163).

(ii) *Administrator* means the Administrator of the National Highway Traffic Safety Administration or the Administrator's delegate.

(iii) *Current model year* means:

(A) In the case of a pre-model year report, the full model year immediately following the period during which that report is required by § 537.5(b) to be submitted.

(B) In the case of a mid-model year report, the model year during which that report is required by § 537.5(b) to be submitted.

(iv) *Average* means a production-weighted harmonic average.

(v) *Total drive ratio* means the ratio of an automobile's engine rotational speed (in revolutions per minute) to the automobile's forward speed (in miles per hour).

§ 537.5 General requirements for reports.

(a) For each current model year, each manufacturer shall submit a pre-model year report, a mid-model year report, and, as required by § 537.8, supplementary reports.

(b)(1) The pre-model year report required by this part for each current model year must be submitted during the month of December (e.g., the pre-model year report for the 1983 model year must be submitted during December, 1982).

(2) The mid-model year report required by this part for each current model year must be submitted during the month of July (e.g., the mid-model year report for the 1983 model year must be submitted during July 1983).

(3) Each supplementary report must be submitted in accordance with § 537.8(c).

(c) Each report required by this part must:

(1) Identify the report as a pre-model year report, mid-model year report, or supplementary report as appropriate;

(2) Identify the manufacturer submitting the report;

(3) State the full name, title, and address of the official responsible for preparing the report;

(4) Be submitted in 5 copies to: Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590, or submitted electronically to the following secure e-mail address: *cafe@dot.gov*. Electronic submissions should be provided in a pdf format.

(5) Identify the current model year;

(6) Be written in the English language; and

(7)(i) Specify any part of the information or data in the report that the manufacturer believes should be withheld from public disclosure as trade secret or other confidential business information.

(ii) With respect to each item of information or data requested by the manufacturer to be withheld under 5 U.S.C. 552(b)(4) and 15 U.S.C. 2005(d)(1), the manufacturer shall:

(A) Show that the item is within the scope of sections 552(b)(4) and 2005(d)(1);

(B) Show that disclosure of the item would result in significant competitive damage;

(C) Specify the period during which the item must be withheld to avoid that damage; and

(D) Show that earlier disclosure would result in that damage.

(d) Each report required by this part must be based upon all information and data available to the manufacturer 30 days before the report is submitted to the Administrator.

[47 FR 34986, Aug. 12, 1982, as amended at 75 FR 25728, May 7, 2010]

§ 537.6 General content of reports.

(a) *Pre-model year and mid-model year reports.* Except as provided in paragraph (c) of this section, each pre-model year report and the mid-model year report for each model year must contain the information required by § 537.7(a).

(b) *Supplementary report.* Each supplementary report must contain the information required by § 537.8(b) (1), (2), or (3), as appropriate.

(c) *Exceptions.* The pre-model year report and the mid-model year report submitted by an incomplete automobile manufacturer for any model

year are not required to contain the information specified in § 537.7 (c)(4) (xv) through (xviii) and (c)(5). The information provided by the incomplete automobile manufacturer under § 537.7(c) shall be according to base level instead of model type or carline.

[47 FR 34986, Aug. 12, 1982, as amended at 75 FR 25728, May 7, 2010]

§ 537.7 Pre-model year and mid-model year reports.

(a)(1) Provide the information required by paragraphs (b) and (c) of this section for the manufacturer's passenger automobiles for the current model year.

(2) After providing the information required by paragraph (a)(1) of this section provide the information required by paragraphs (b) and (c) for this section of each class, as specified in part 533 of this chapter, of the manufacturer's light trucks for the current model year.

(b) *Projected average and required fuel economy.* (1) State the projected average fuel economy for the manufacturer's automobiles determined in accordance with § 537.9 and based upon the fuel economy values and projected sales figures provided under paragraph (c)(2) of this section.

(2) State the projected final average fuel economy that the manufacturer anticipates having if changes implemented during the model year will cause that average to be different from the average fuel economy projected under paragraph (b)(1) of this section.

(3) State the projected required fuel economy for the manufacturer's passenger automobiles and light trucks determined in accordance with 49 CFR 531.5(c) and 49 CFR 533.5(h) and based upon the projected sales figures provided under paragraph (c)(2) of this section.

(4) State the projected final required fuel economy that the manufacturer anticipates having if changes implemented during the model year will cause the targets to be different from the target fuel economy projected under paragraph (b)(3) of this section.

(5) State whether the manufacturer believes that the projections it provides under paragraphs (b)(2) and (b)(4) of this section, or if it does not provide

an average or target under those paragraphs, the projections it provides under paragraphs (b)(1) and (b)(3) of this section, sufficiently represent the manufacturer's average and target fuel economy for the current model year for purposes of the Act. In the case of a manufacturer that believes that the projections are not sufficiently representative for those purposes, state the specific nature of any reason for the insufficiency and the specific additional testing or derivation of fuel economy values by analytical methods believed by the manufacturer necessary to eliminate the insufficiency and any plans of the manufacturer to undertake that testing or derivation voluntarily and submit the resulting data to the Environmental Protection Agency under 40 CFR 600.509.

(c) *Model type and configuration fuel economy and technical information.* (1) For each model type of the manufacturer's automobiles, provide the information specified in paragraph (c)(2) of this section in tabular form. List the model types in order of increasing average inertia weight from top to bottom down the left side of the table and list the information categories in the order specified in paragraph (c)(2) of this section from left to right across the top of the table.

(2)(i) Combined fuel economy; and

(ii) Projected sales for the current model year and total sales of all model types.

(3) *(Pre-model year report only.)* For each vehicle configuration whose fuel economy was used to calculate the fuel economy values for a model type under paragraph (c)(2) of this section, provide the information specified in paragraph (c)(4) of this section either in tabular form or as a fixed format computer tape. If a tabular form is used then list the vehicle configurations, by model type in the order listed under paragraph (c)(2) of this section, from top to bottom down the left of the table and list the information categories across the top of the table from left to right in the order specified in paragraph (c)(4) of this section. Other formats (such as copies of EPA reports) which contain all the required information in a readily identifiable form are also acceptable. If a computer tape is used,

any NHTSA approved fixed format structure may be used, but each vehicle configuration record should identify the manufacturer, model type, and for light trucks the drive wheel code, e.g., 2 or 4 wheel drive. At least the information categories specified here and in paragraph (c)(4) of this section must be provided, but if preferred the tape may contain any additional categories. Each computer tape record must contain all the required categories of information to enable direct reading and interpretation in the fixed format that was approved. There should be no titles, column headings, page numbers, or attachment numbers on the tape. It must be possible to directly calculate and produce the tables specified in paragraph (c)(1) of this section from the records on this tape.

(4)(i) Loaded vehicle weight;
(ii) Equivalent test weight;
(iii) Engine displacement, liters;
(iv) SAE net rated power, kilowatts;
(v) SAE net horsepower;
(vi) Engine code;
(vii) Fuel system (number of carburetor barrels or, if fuel injection is used, so indicate);
(viii) Emission control system;
(ix) Transmission class;
(x) Number of forward speeds;
(xi) Existence of overdrive (indicate yes or no);
(xii) Total drive ratio (N/V);
(xiii) Axle ratio;
(xiv) Combined fuel economy;
(xv) Projected sales for the current model year;
(xvi)(A) In the case of passenger automobiles:

(1) Interior volume index, determined in accordance with subpart D of 40 CFR part 600.

(2) Body style,

(3) Beginning model year 2010, base tire as defined in 49 CFR 523.2,

(4) Beginning model year 2010, front axle, rear axle and average track width as defined in 49 CFR 523.2,

(5) Beginning model year 2010, wheel-base as defined in 49 CFR 523.2, and

(6) Beginning model year 2010, footprint as defined in 49 CFR 523.2.

(B) In the case of light trucks:

(1) Passenger-carrying volume,

(2) Cargo-carrying volume,

(3) Beginning model year 2008, base tire as defined in 49 CFR 523.2,

(4) Beginning model year 2010, front axle, rear axle and average track width as defined in 49 CFR 523.2,

(5) Beginning model year 2008, wheel-base as defined in 49 CFR 523.2, and

(6) Beginning model year 2008, footprint as defined in 49 CFR 523.2.

(xvii) Performance of the function described in § 523.5(a)(5) of this chapter (indicate yes or no);

(xviii) Existence of temporary living quarters (indicate yes or no);

(xix) Frontal area;

(xx) Road load power at 50 miles per hour, if determined by the manufacturer for purposes other than compliance with this part to differ from the road load setting prescribed in 40 CFR 86.177–11(d);

(xxi) Optional equipment that the manufacturer is required under 40 CFR parts 86 and 600 to have actually installed on the vehicle configuration, or the weight of which must be included in the curb weight computation for the vehicle configuration, for fuel economy testing purposes.

(5) For each model type of automobile which is classified as an automobile capable of off-highway operation under part 523 of this chapter, provide the following data:

(i) Approach angle;

(ii) Departure angle;

(iii) Breakover angle;

(iv) Axle clearance;

(v) Minimum running clearance; and

(vi) Existence of 4-wheel drive (indicate yes or no).

(6) The fuel economy values provided under paragraphs (c) (2) and (4) of this section shall be determined in accordance with § 537.9.

[47 FR 34986, Aug. 12, 1982, as amended at 58 FR 18029, Apr. 7, 1993; 71 FR 17678, Apr. 6, 2006; 74 FR 14456, Mar. 30, 2009; 75 FR 25728, May 7, 2010]

§ 537.8 Supplementary reports.

(a)(1) Except as provided in paragraph (d) of this section, each manufacturer whose most recently submitted semiannual report contained an average fuel economy projection under § 537.7(b)(2) or, if no average fuel economy was projected under that section, under § 537.7(b)(1), that was not less

than the applicable average fuel economy standard and who now projects an average fuel economy which is less than the applicable standard shall file a supplementary report containing the information specified in paragraph (b)(1) of this section.

(2) Except as provided in paragraph (d) of this section, each manufacturer that determines that its average fuel economy for the current model year as projected under § 537.7(b)(2) or, if no average fuel economy was projected under that section, as projected under § 537.7(b)(1), is less representative than the manufacturer previously reported it to be under § 537.7(b)(3), this section, or both, shall file a supplementary report containing the information specified in paragraph (b)(2) of this section.

(3) Each manufacturer whose pre-model year report omits any of the information specified in § 537.7 (b), (c) (1) and (2), or (c)(4) (xvi) and (xxiv) shall file supplementary report containing the information specified in paragraph (b)(3) of this section.

(b)(1) The supplementary report required by paragraph (a)(1) of this section must contain:

(i) Such revisions of and additions to the information previously submitted by the manufacturer under this part regarding the automobiles whose projected average fuel economy has decreased as specified in paragraph (a)(1) of this section as are necessary—

(A) To reflect the decrease and its cause;

(B) To indicate a new projected average fuel economy based upon these additional measures.

(ii) An explanation of the cause of the decrease in average fuel economy that led to the manufacturer's having to submit the supplementary report required by paragraph (a)(1) of this section.

(2) The supplementary report required by paragraph (a)(2) of this section must contain:

(i) A statement of the specific nature of and reason for the insufficiency in the representativeness of the projected average fuel economy;

(ii) A statement of specific additional testing or derivation of fuel economy values by analytical methods believed

§ 537.9

by the manufacturer necessary to eliminate the insufficiency; and

(iii) A description of any plans of the manufacturer to undertake that testing or derivation voluntarily and submit the resulting data to the Environmental Protection Agency under 40 CFR 600.509.

(3) The supplementary report required by paragraph (a)(3) of this section must contain:

(i) All of the information omitted from the pre-model year report under § 537.6(c)(2); and

(ii) Such revisions of and additions to the information submitted by the manufacturer in its pre-model year report regarding the automobiles produced during the current model year as are necessary to reflect the information provided under paragraph (b)(3)(i) of this section.

(c)(1) Each report required by paragraph (a)(1), (2), or (3) of this section must be submitted in accordance with § 537.5(c) not more than 45 days after the date on which the manufacturer determined, or could have determined with reasonable diligence, that a report is required under paragraph (a)(1), (2), or (3) of this section.

(2) [Reserved]

(d) A supplementary report is not required to be submitted by the manufacturer under paragraph (a) (1) or (2) of this section:

(1) With respect to information submitted under this part before the most recent semiannual report submitted by the manufacturer under this part, or

(2) When the date specified in paragraph (c) of this section occurs:

(i) During the 60-day period immediately preceding the day by which the mid-model year report for the current model year must be submitted by the manufacturer under this part, or

(ii) After the day by which the pre-model year report for the model year immediately following the current model year must be submitted by the manufacturer under this part.

(e) *Reporting compliance option in model years 2008–2010.* For model years 2008, 2009, and 2010, each manufacturer of light trucks, as that term is defined in 49 CFR 523.5, shall submit a report, not later than 45 days following the end of the model year, indicating

49 CFR Ch. V (10–1–10 Edition)

whether the manufacturer is opting to comply with 49 CFR 533.5(f) or 49 CFR 533.5(g).

[47 FR 34986, Aug. 12, 1982, as amended at 71 FR 17678, Apr. 6, 2006; 75 FR 25728, May 7, 2010]

§ 537.9 Determination of fuel economy values and average fuel economy.

(a) *Vehicle configuration fuel economy values.* (1) For each vehicle configuration for which a fuel economy value is required under paragraph (c) of this section and has been determined and approved under 40 CFR part 600, the manufacturer shall submit that fuel economy value.

(2) For each vehicle configuration specified in paragraph (a)(1) of this section for which a fuel economy value approved under 40 CFR part 600, does not exist, but for which a fuel economy value determined under that part exists, the manufacturer shall submit that fuel economy value.

(3) For each vehicle configuration specified in paragraph (a)(1) of this section for which a fuel economy value has been neither determined nor approved under 40 CFR part 600, the manufacturer shall submit a fuel economy value based on tests or analyses comparable to those prescribed or permitted under 40 CFR part 600 and a description of the test procedures or analytical methods used.

(b) *Base level and model type fuel economy values.* For each base level and model type, the manufacturer shall submit a fuel economy value based on the values submitted under paragraph (a) of this section and calculated in the same manner as base level and model type fuel economy values are calculated for use under subpart F of 40 CFR part 600.

(c) *Average fuel economy.* Average fuel economy must be based upon fuel economy values calculated under paragraph (b) of this section for each model type and must be calculated in accordance with subpart F of 40 CFR part 600, except that fuel economy values for running changes and for new base levels are required only for those changes made or base levels added before the

average fuel economy is required to be submitted under this part.

[47 FR 34986, Aug. 12, 1982, as amended at 75 FR 25728, May 7, 2010]

§ 537.10 Incorporation by reference.

(a) A manufacturer may incorporate by reference in a report required by this part any document other than a report, petition, or application, or portion thereof submitted to any Federal department or agency more than two model years before the current model year.

(b) A manufacturer that incorporates by references a document not previously submitted to the National Highway Traffic Safety Administration shall append that document to the report.

(c) A manufacturer that incorporates by reference a document shall clearly identify the document and, in the case of a document previously submitted to the National Highway Traffic Safety Administration, indicate the date on which and the person by whom the document was submitted to this agency.

§ 537.11 Public inspection of information.

Except as provided in § 537.12, any person may inspect the information and data submitted by a manufacturer under this part in the docket section of the National Highway Traffic Safety Administration. Any person may obtain copies of the information available for inspection under this section in accordance with the regulations of the Secretary of Transportation in part 7 of this title.

§ 537.12 Confidential information.

(a) Information made available under § 537.11 for public inspection does not include information for which confidentiality is requested under § 537.5(c)(7), is granted in accordance with section 505 of the Act and section 552(b) of Title 5 of the United States Code and is not subsequently released under paragraph (c) of this section in accordance with section 505 of the Act.

(b) *Denial of confidential treatment.* When the Administrator denies a manufacturer's request under § 537.5(c)(7) for confidential treatment of information, the Administrator gives the man-

ufacturer written notice of the denial and reasons for it. Public disclosure of the information is not made until after the ten-day period immediately following the giving of the notice.

(c) *Release of confidential information.* After giving written notice to a manufacturer and allowing ten days, when feasible, for the manufacturer to respond, the Administrator may make available for public inspection any information submitted under this part that is relevant to a proceeding under the Act, including information that was granted confidential treatment by the Administrator pursuant to a request by the manufacturer under § 537.5(c)(7).

PART 538—MANUFACTURING INCENTIVES FOR ALTERNATIVE FUEL VEHICLES

Sec.

- 538.1 Scope.
- 538.2 Purpose.
- 538.3 Applicability.
- 538.4 Definitions.
- 538.5 Minimum driving range.
- 538.6 Measurement of driving range.
- 538.7 Petitions for reduction of minimum driving range.
- 538.8 Gallon Equivalents for Gaseous Fuels.
- 538.9 Dual fuel vehicle incentive.

AUTHORITY: 49 U.S.C. 32901, 32905, and 32906; delegation of authority at 49 CFR 1.50.

SOURCE: 61 FR 14511, Apr. 2, 1996, unless otherwise noted.

§ 538.1 Scope.

This part establishes minimum driving range criteria to aid in identifying passenger automobiles that are dual-fueled automobiles. It also establishes gallon equivalent measurements for gaseous fuels other than natural gas.

[75 FR 25728, May 7, 2010]

§ 538.2 Purpose.

The purpose of this part is to specify one of the criteria in 49 U.S.C. chapter 329 "Automobile Fuel Economy" for identifying dual-fueled passenger automobiles that are manufactured in model years 1993 through 2019. The fuel economy of a qualifying vehicle is calculated in a special manner so as to encourage its production as a way of facilitating a manufacturer's compliance